

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091324AL\
 Data File : FE050069.D
 Signal(s) : FID1B.ch
 Acq On : 12 Sep 2024 14:44
 Operator : YP\AJ
 Sample : PB163324BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB163324BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/13/2024

Supervised By :Ankita Jodhani 09/13/2024

Integration File: autoint1.e

Quant Time: Sep 13 01:20:14 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 09 17:11:47 2024

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.876	5612138	37.721 ug/ml
Spiked Amount 50.000		Recovery =	75.44%
12) S 1-chlorooctadecane (S...	13.311	4666397	41.543 ug/ml
Spiked Amount 50.000		Recovery =	83.09%
Target Compounds			
1) T n-Nonane (C9)	3.270	4769811	35.190 ug/ml
2) T n-Decane (C10)	4.518	5055891	36.634 ug/ml
3) T A~Naphthalene (C11.7)	6.224	5391718	38.521 ug/ml
4) T n-Dodecane (C12)	6.683	5175802	37.429 ug/ml
5) T A~2-methylnaphthalene...	7.319	4864385	37.009 ug/ml
6) T n-Tetradecane (C14)	8.511	5429137	39.870 ug/ml
7) T n-Hexadecane (C16)	10.116	5469092	39.374 ug/ml
8) T n-Octadecane (C18)	11.557	5469706	39.041 ug/ml
10) T n-Eicosane (C20)	12.866	5475121	40.815 ug/ml
11) T n-Heneicosane (C21)	13.476	5306571	40.386 ug/ml
13) T n-Docosane (C22)	14.062	5228435	40.152 ug/ml
14) T n-Tetracosane (C24)	15.159	10102921	77.363 ug/ml
15) T n-Hexacosane (C26)	16.183	5121873	40.034 ug/ml
16) T n-Octacosane (C28)	17.132	5570891	43.249 ug/ml
17) T n-Tricontane (C30)	18.019	5271341	39.420 ug/ml
18) T n-Dotriacontane (C32)	18.850	5292914	39.720 ug/ml
19) T n-Tetratriacontane (C34)	19.633	5470642	44.275 ug/ml
20) T n-Hexatriacontane (C36)	20.372	5323508	47.981 ug/ml
21) T n-Octatriacontane (C38)	21.099	5305096	48.106 ug/ml
22) T n-Tetracontane (C40)	21.990	4905665	45.083 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091324AL\
Data File : FE050069.D
Signal(s) : FID1B.ch
Acq On : 12 Sep 2024 14:44
Operator : YP\AJ
Sample : PB163324BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

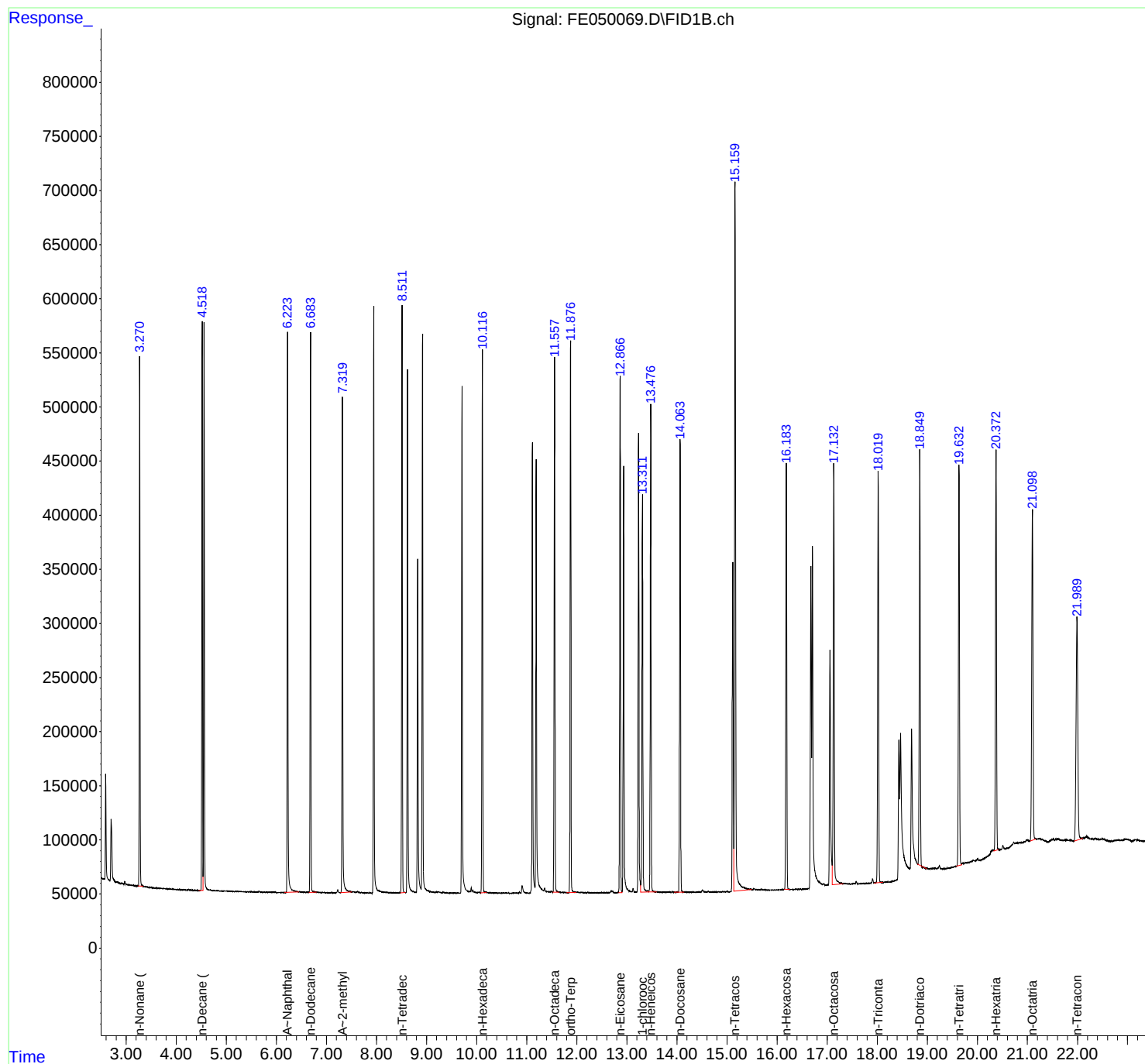
Instrument :
FID_E
ClientSampleId :
PB163324BSD

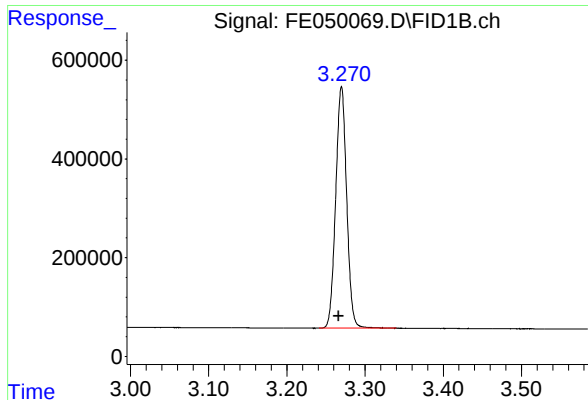
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/13/2024
Supervised By :Ankita Jodhani 09/13/2024

Integration File: autoint1.e
Quant Time: Sep 13 01:20:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.
Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





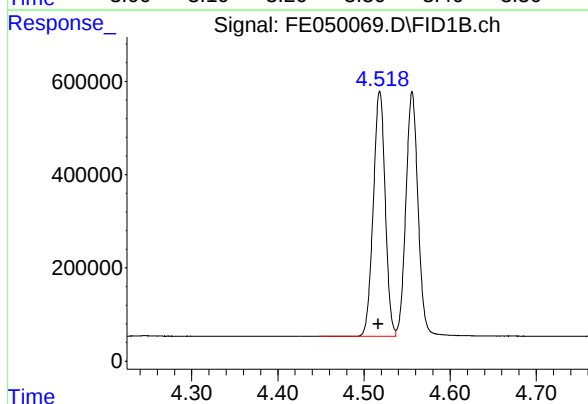
#1 n-Nonane (C9)

R.T.: 3.270 min
Delta R.T.: 0.004 min
Response: 4769811
Conc: 35.19 ug/ml

Instrument :
FID_E
ClientSampleId :
PB163324BSD

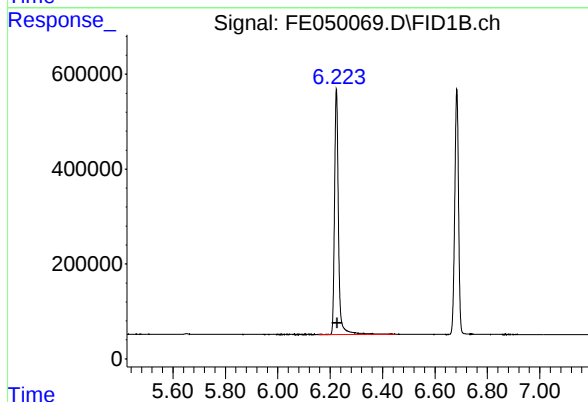
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/13/2024
Supervised By :Ankita Jodhani 09/13/2024



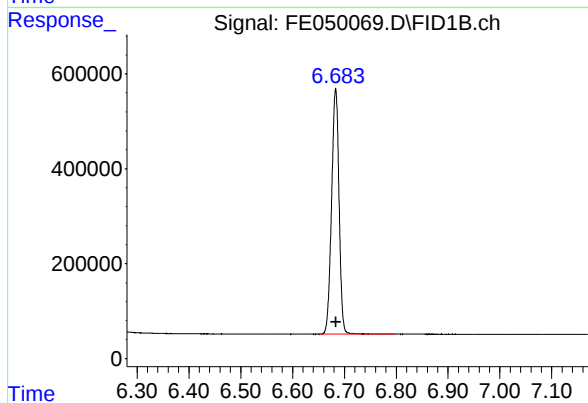
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: 0.002 min
Response: 5055891
Conc: 36.63 ug/ml



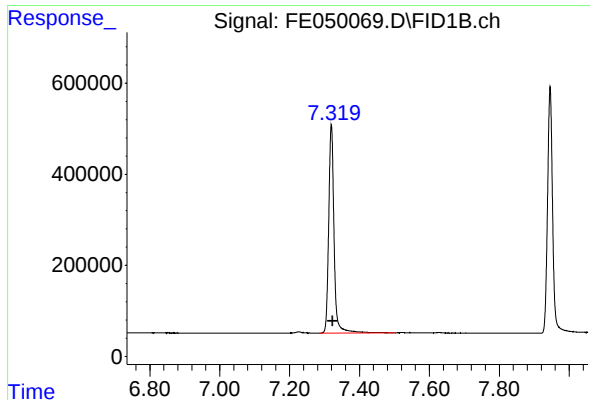
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: -0.003 min
Response: 5391718
Conc: 38.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 5175802
Conc: 37.43 ug/ml



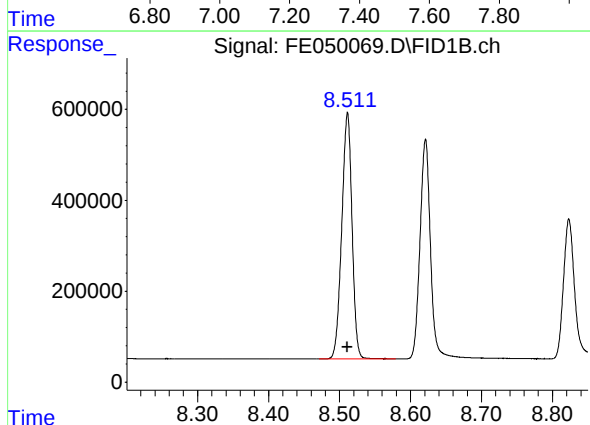
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.319 min
Delta R.T.: -0.004 min
Response: 4864385
Conc: 37.01 ug/ml

Instrument :
FID_E
ClientSampleId :
PB163324BSD

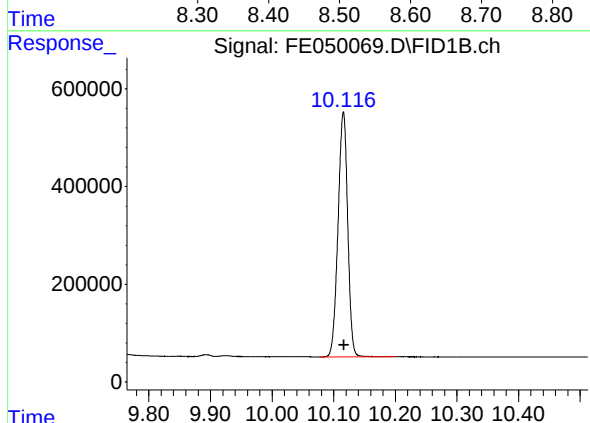
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/13/2024
Supervised By :Ankita Jodhani 09/13/2024



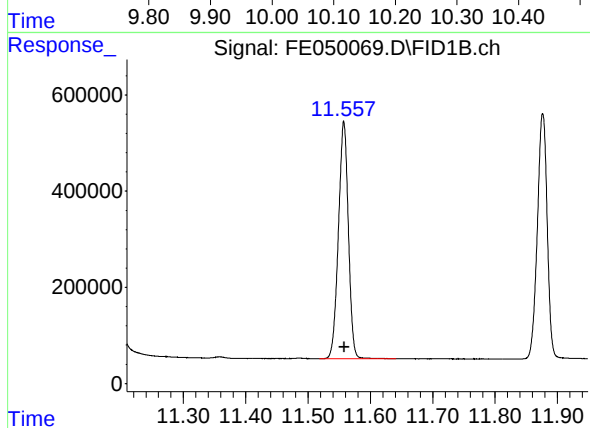
#6 n-Tetradecane (C14)

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 5429137
Conc: 39.87 ug/ml



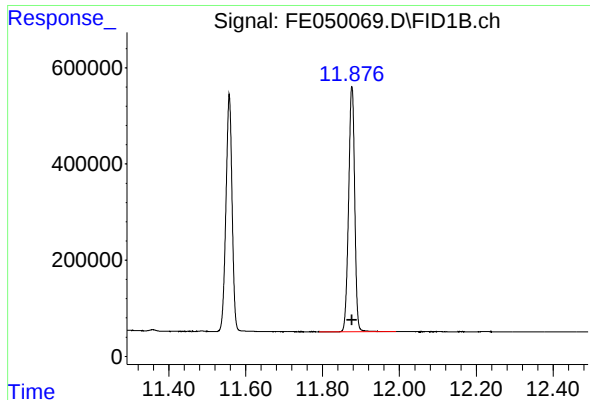
#7 n-Hexadecane (C16)

R.T.: 10.116 min
Delta R.T.: -0.001 min
Response: 5469092
Conc: 39.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.557 min
Delta R.T.: -0.001 min
Response: 5469706
Conc: 39.04 ug/ml



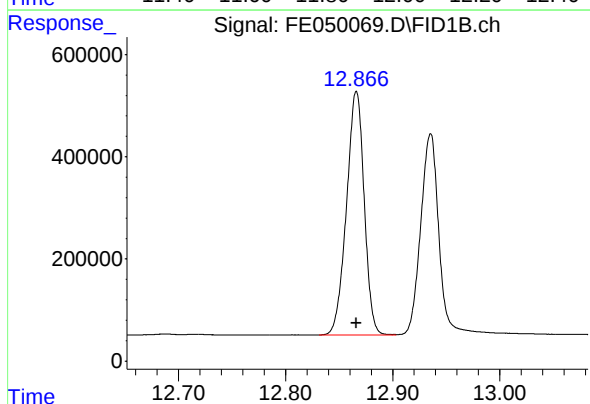
#9 ortho-Terphenyl (SURR)

R.T.: 11.876 min
Delta R.T.: 0.000 min
Response: 5612138
Conc: 37.72 ug/ml

Instrument :
FID_E
ClientSampleId :
PB163324BSD

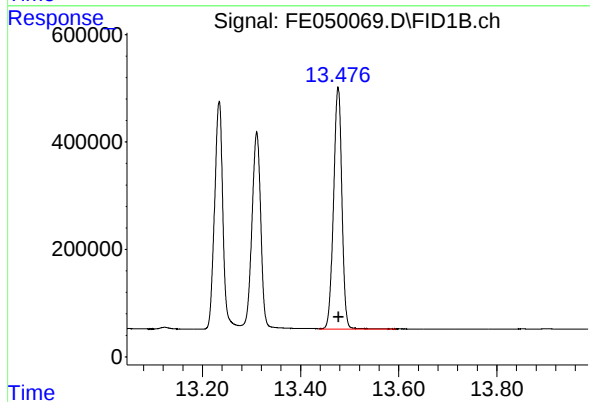
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/13/2024
Supervised By :Ankita Jodhani 09/13/2024



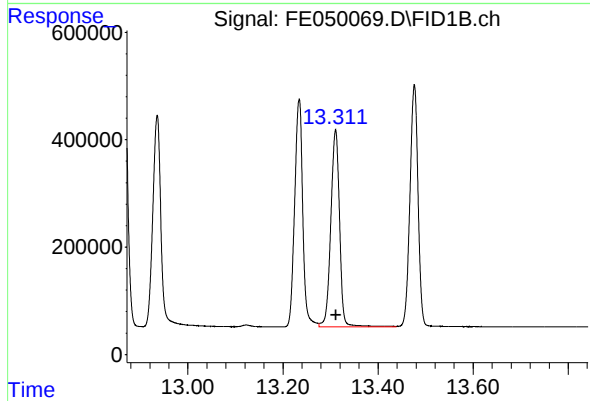
#10 n-Eicosane (C20)

R.T.: 12.866 min
Delta R.T.: 0.000 min
Response: 5475121
Conc: 40.82 ug/ml



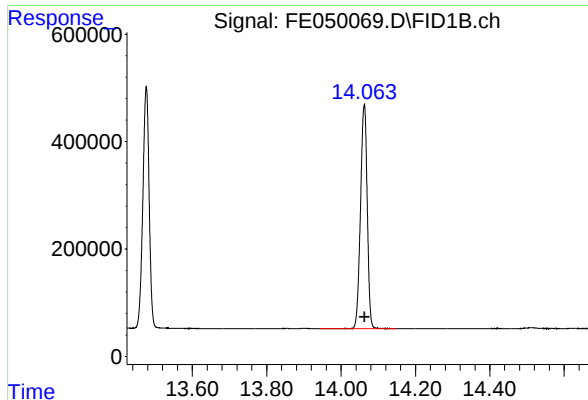
#11 n-Heneicosane (C21)

R.T.: 13.476 min
Delta R.T.: 0.000 min
Response: 5306571
Conc: 40.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.311 min
Delta R.T.: 0.000 min
Response: 4666397
Conc: 41.54 ug/ml



#13 n-Docosane (C22)

R.T.: 14.062 min
Delta R.T.: 0.000 min
Response: 5228435
Conc: 40.15 ug/ml

Instrument :

FID_E

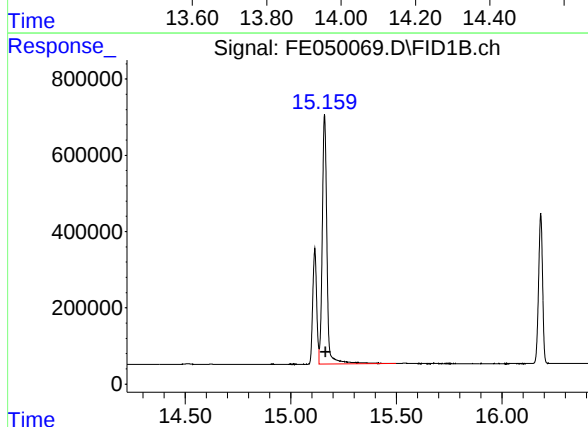
ClientSampleId :

PB163324BSD

Manual Integrations

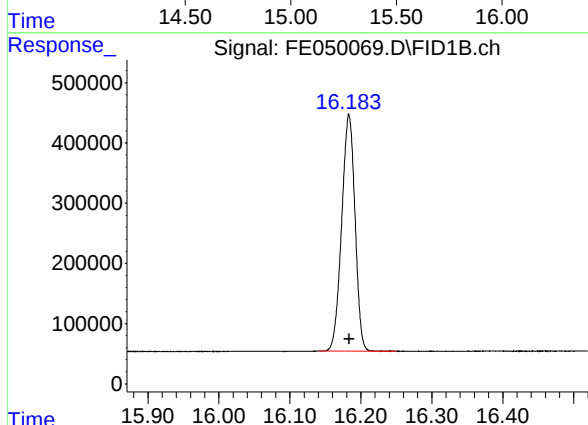
APPROVED

Reviewed By :Yogesh Patel 09/13/2024
Supervised By :Ankita Jodhani 09/13/2024



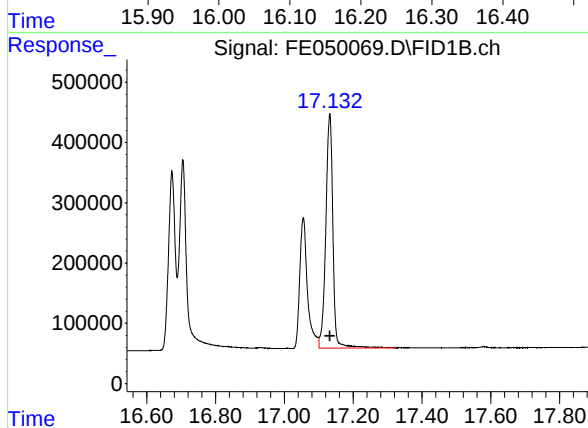
#14 n-Tetracosane (C24)

R.T.: 15.159 min
Delta R.T.: -0.005 min
Response: 10102921
Conc: 77.36 ug/ml



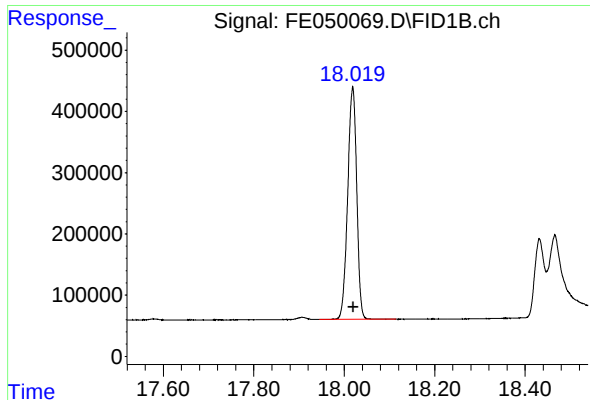
#15 n-Hexacosane (C26)

R.T.: 16.183 min
Delta R.T.: 0.000 min
Response: 5121873
Conc: 40.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.132 min
Delta R.T.: -0.001 min
Response: 5570891
Conc: 43.25 ug/ml



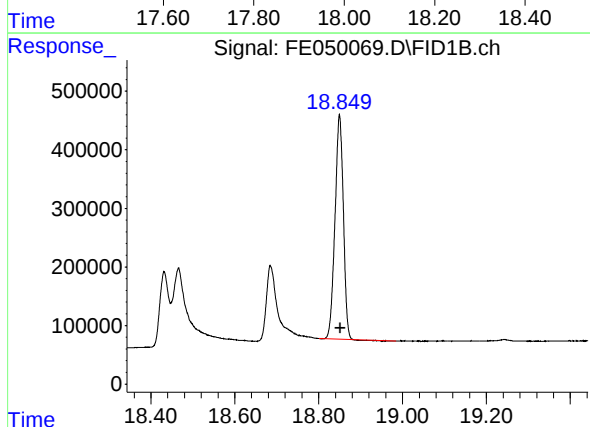
#17 n-Tricontane (C30)

R.T.: 18.019 min
Delta R.T.: -0.001 min
Response: 5271341
Conc: 39.42 ug/ml

Instrument :
FID_E
ClientSampleId :
PB163324BSD

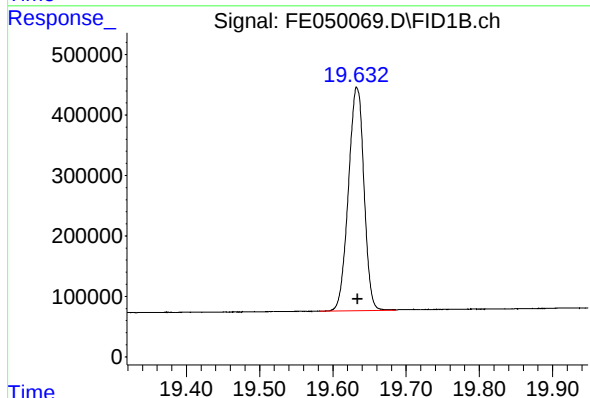
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/13/2024
Supervised By :Ankita Jodhani 09/13/2024



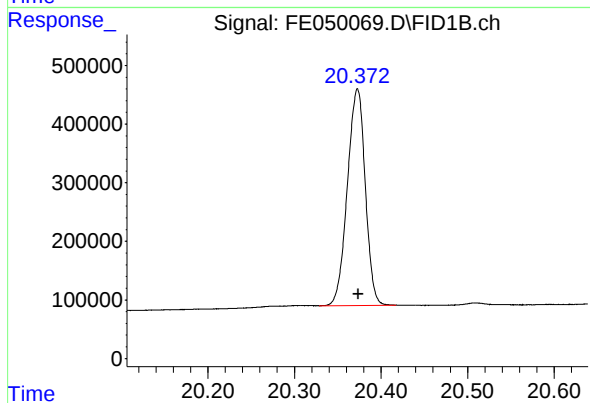
#18 n-Dotriacontane (C32)

R.T.: 18.850 min
Delta R.T.: -0.001 min
Response: 5292914
Conc: 39.72 ug/ml



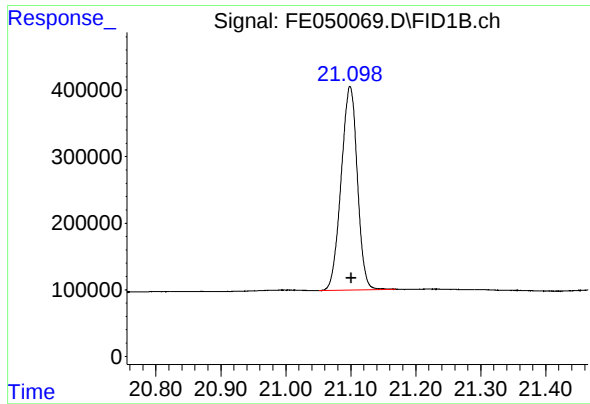
#19 n-Tetratriacontane (C34)

R.T.: 19.633 min
Delta R.T.: 0.000 min
Response: 5470642
Conc: 44.27 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.372 min
Delta R.T.: -0.001 min
Response: 5323508
Conc: 47.98 ug/ml m



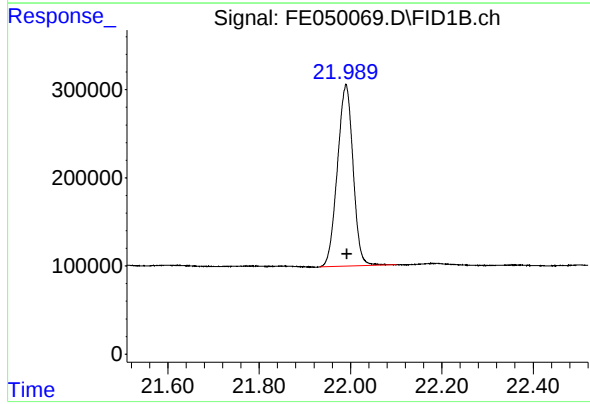
#21 n-Octatriacontane (C38)

R.T.: 21.099 min
Delta R.T.: -0.002 min
Response: 5305096
Conc: 48.11 ug/ml

Instrument :
FID_E
ClientSampleId :
PB163324BSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/13/2024
Supervised By :Ankita Jodhani 09/13/2024



#22 n-Tetracontane (C40)

R.T.: 21.990 min
Delta R.T.: -0.002 min
Response: 4905665
Conc: 45.08 ug/ml